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<b>FEE TRANSMITTAL</b>		<b>Complete if Known</b>	
		Application Number	10/585,253
		Filing Date	April 8, 2009
		First Named Inventor	Takahiro IKEDA
		Examiner Name	J. L. Doak
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	2872
TOTAL AMOUNT OF PAYMENT		(\$)	1,270.00
		Attorney Docket No.	046884-5492-00-US-228611

**METHOD OF PAYMENT** (check all that apply)

☐ Check    ☒ Credit Card    ☐ Money Order    ☐ None    ☐ Other (please identify): \_\_\_\_\_  
☐ Deposit Account    Deposit Account Number: 50-0573    Deposit Account Name: Drinker Biddle & Reath LLP  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☐ Charge fee(s) indicated below    ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17    ☒ Credit any overpayments  
 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	380	190	620	310	250	125	
Design	250	125	120	60	160	80	
Plant	250	125	380	190	200	100	
Reissue	380	190	620	310	750	375	
Provisional	250	125	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	60	30
Each independent claim over 3 (including Reissues)	250	125
Multiple dependent claims	450	225

Total Claims 8 - 20 or HP 20 Extra Claims 18 Fee (\$)1080 Fee Paid (\$)1080  
 HP = highest number of total claims paid for, if greater than 20.  
 Indep. Claims 1 - 3 or HP 20 Extra Claims 0 Fee (\$)0 Fee Paid (\$)0  
 HP = highest number of independent claims paid for, if greater than 3.

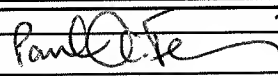
**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): <u>1253</u> Extension for response within third month	<u>1,270.00</u>

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	41,023
Name (Print/Type)	Paul A. Fournier	Telephone	202.842.8812
		Date	March 26, 2012